

In the Claims

Please cancel Claims 51, 58, 67, 69, 77, 80 and 89-94. Please amend Claims 16, 24-26, 35-37, 47, 53 and 60, which are presented below in amended form. Please add new Claims 113-115. Amendments to the claims are indicated in the attached "Marked Up Version of Amendments" (pages i and ii).

16. (Amended) A method of detecting a mammalian Bonzo or portion thereof in a biological sample, comprising:

a) contacting a biological sample with an antibody or antigen-binding fragment thereof which binds mammalian Bonzo and inhibits the binding of ligand thereto, under conditions appropriate for binding of said antibody or antigen-binding fragment to mammalian Bonzo or a portion thereof; and

b) detecting binding of said antibody or antigen-binding fragment to said Bonzo or portion thereof;

wherein the binding of said antibody or antigen-binding fragment to said Bonzo or portion thereof indicates the presence of said Bonzo or portion thereof.

24. (Twice Amended) The antibody or antigen-binding fragment of Claim 21 wherein said antibody or antigen-binding fragment inhibits signal transduction and/or a cellular response induced upon binding of ligand to said Bonzo in an *in vitro* assay with an IC₅₀ of less than about 7 µg/mL.

25. (Amended) The antibody or antigen-binding fragment of Claim 24 wherein said antibody or antigen-binding fragment inhibits a cellular response selected from the group consisting of proliferation, migration, chemotaxis, secretion, exocytosis, degranulation, inflammatory mediator release and respiratory burst.

26. (Amended) The antibody or antigen-binding fragment of Claim 24 wherein said antibody or antigen-binding fragment inhibits a cellular response, and said cellular response is chemotaxis.

35. (Three Times Amended) The isolated cell of Claim 34 wherein said antibody or antigen-binding fragment inhibits signal transduction and/or a cellular response induced upon binding of ligand to said Bonzo in an *in vitro* assay with an IC₅₀ of less than about 7 µg/mL.

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36. (Amended) The isolated cell of Claim 35 wherein said antibody or antigen-binding fragment inhibits a cellular response selected from the group consisting of proliferation, migration, chemotaxis, secretion, exocytosis, degranulation, inflammatory mediator release and respiratory burst.

37. (Amended) The isolated cell of Claim 35 wherein said antibody or antigen-binding fragment inhibits a cellular response, and said cellular response is chemotaxis.

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47. (Amended) A method of treating a subject having an inflammatory disease, comprising administering to said subject an effective amount of an antibody or antigen-binding fragment thereof which binds mammalian Bonzo and inhibits the binding of ligand thereto.

C 5
53. (Amended) A method of inhibiting a cellular response to binding of ligand to Bonzo expressed on the surface of a leukocyte in a mammal, comprising administering to said mammal an effective amount of an antibody or antigen-binding fragment thereof which binds mammalian Bonzo and inhibits the binding of ligand thereto.

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60. (Amended) A method of modulating a Bonzo function comprising contacting a cell that expresses Bonzo with an antibody or antigen-binding fragment thereof which binds mammalian Bonzo and inhibits the binding of ligand thereto, thereby modulating the function of said Bonzo.